

Claims

What is claimed is:

- 5 1. A method for tail threading in a paper machine or a similar, in which tail threading is carried out in stages:
- the web is guided to the broke treatment at a selected dryer,
  - 10 - a cut is formed in the web to separate a narrow tail from the rest of the web, i.e. the broke web, before the said dryer,
  - the tail is guided from the selected dryer to the following section while the broke web is transferred
  - 15 further to the broke treatment,
  - while travelling in a controlled manner, the tail is widened to the full width and the broke web is simultaneously reduced away, characterized in that at least during the widening operation, preferably also
  - 20 prior to the widening operation, the edge opposite to the cut of the broke web is turned away from the cutting point in order to form an open draw between the tail and the broke web.
- 25 2. A method as set forth in claim 1, characterized in that turning of the said edge is carried out by means of a blow after cutting.
3. A device for tail threading in the paper machine
- 30 dryer section comprising of

- a cutter, which cuts at least one tail from the full-width web prior to the selected dryer while the remaining part forms the broke web,
  - elements for guiding the tail forward from the
- 5 selected dryer,
- elements for removing the broke web from the selected dryer, typically to a pulper located underneath,
  - elements for widening the tail to a full-width web, characterized in that
- 10 the cutter includes blow equipment located after the cutter in the web travel direction for turning the broke web edge away from the cutting point and for forming an open draw between the tail and the broke web.
- 15 4. A device as set forth in claim 3, characterized in that the blow equipment comprises of a compressed air nozzle, which is set in an angle of 30 - 70 degrees with respect to the web perpendicular.
- 20 5. A device as set forth in claim 4, characterized in that the blow equipment includes a second compressed air nozzle, which has been set at an angle of 55 - 85 degrees in the web travel direction after the first nozzle.
- 25 6. A device as set forth in claim 3, characterized in that the selected dryer is provided with a suction box, adjustable in the cross-machine direction; on the side of the opening gap.
- 30 7. A device as set forth in claim 3, characterized in that the selected dryer is provided with second blow

equipment in the opening gap for detaching the tail from the dryer to the fabric.

8. A device as set forth in claim 3, characterized in  
5 that after the selected dryer there is provided a third set of blow equipment in connection with the web for peeling the broke web off the web, should it start to follow the tail.

10 9. A device as set forth in claim 3, characterized in that the blow equipment is located in the straight section of the web.